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TITLE: Fermentative cyclosporin prodn. - using new
Sesquicilliosis rosariensis strains.
DERWENT CLASS: B04 C03 D16
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THE
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
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APPLICATION DETAILS:

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INT. PATENT CLASSIF.: A61K037-02; C12P001-02; C12P021-04

BASIC ABSTRACT:

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Fermentative production of the cyclosporins (I) is effected using the Sesquicilliosis rosariensis strain IMET 43888 or a mutant or selectant thereof, especially F605 (IMET 43887).

USE/ADVANTAGE - Cyclosporin A (Ia) is an immunosuppressant, especially useful in transplantations. The new strains give higher yields of (Ia) than most prior art microorganisms, e.g. Tolypocladium inflatum.

In an example, a medium containing 75 g/l maltose, 25 g/l casein peptone, 1 g/l KH₂PO₄ and 2.5 g/l KCl (pH 5.5) was inoculated with a seed culture of F605 and shaken at 24 deg.C. for 12 days. The yield of (Ia) was 1890 mg/l

Dwg.0/0

FILE SEGMENT: CPI
FIELD AVAILABILITY: AB; DCN
MANUAL CODES: CPI: B02-C; C02-C; B12-D02B; C12-D02B; D05-C02